



APPENDIX B

PENDING CLAIMS AS THEY WILL READ UPON ENTRY OF THE PRESENT AMENDMENT

U.S. PATENT APPLICATION SERIAL NO. 09/025,143

16. (Amended) A computer readable medium comprising digital data, said digital data comprising:

one or more computer programs for storing object interface information, said programs comprising a parser for object interface information;

an object factory for instantiating objects encapsulating said object interface information without translating the object definition information, said objects having predefined interfaces defined in CORBA IDL; and

a root encapsulator object for resolving object definition name information into an object reference for an encapsulator object corresponding to an object definition type.

19. (Amended) A computer readable medium comprising digital data, said digital data comprising:

one or more software objects, said software objects comprising at least one interface defined in a first notation for manipulating an object having an interface at least partially defined in a second notation without translating the at least partial definition from the second notation into the first notation, said second notation being different from said first notation, wherein the first notation comprises CORBA IDL and the second notation comprises ASN.1.

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21. A method of constructing an object invocation comprising the steps of:
instantiating an object collection of object corresponding to rules specifying the
syntax of said object invocation;
receiving information of the content of the object invocation; and
interrogating the object collection with the information to determine a set of objects
sufficient to construct the invocation without translating the information into the syntax of the
object invocation.

22. A method of constructing an object invocation comprising the steps of:
instantiating an object collection of object corresponding to rules specifying the
syntax of said object invocation;
receiving information of the content of the object invocation; and
correlating the information of the content of the object invocation with one or more
objects of the object collection to construct the invocation.